



## THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: John E. Sims and Dirk E. Smith

Serial No.: 10/061,727

Group Art Unit No.: 1646

Filed: October 26, 2001

Examiner: R. Li

For: IL-1 RECEPTOR ACCESSORY PROTEIN

Docket No.: 3151-A

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, Applicants wish to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449 (copies of the cited references, as required under 37 C.F.R. § 1.98, are enclosed). Although the aforesaid references are made known to the Patent and Trademark Office in compliance with Applicants duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, Applicants believe that their invention is patentable.

The above-cited reference is submitted under §1.97(c) and accompanied by the fee of \$180 as set forth in §1.17(p). The Assistant Commissioner is authorized to charge the \$180 fee and any other fees which may be required to Deposit Account No. 09-0089. A duplicate copy of this sheet is enclosed.

Applicants request consideration of this information and passage of the application to issue.

The Commissioner is hereby authorized to charge the \$180.00 fee that is required or credit any overpayment to Deposit Account No. 09-0089 in the name of Immunex Corporation. A duplicate copy of this paper is enclosed for this purpose.

Respectfully submitted,

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 180.00 DA  
 01-57-1806

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date appearing below.

*Oct. 24, 2003*  
 Date

*Spence M. Patterson*  
 Signature

Modified Form PTO-1449

Atty. Docket No.

3151-A

Serial No.

10/061.727

Applicant

John E. Sims and Dirk E. Smith

Filing Date

October 26, 2001

Group

1646



(Use several sheets if necessary)

**U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS & TRADEMARK OFFICE	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
A1	6,280,955	08.28.01	Cao			
A2						
A3						
A4						
A5						
A6						
A7						
A8						

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION <u>YES</u> <u>NO</u>
B1	WO 96 23067	08.01.96	PCT			
B2						
B3						
B4						

**OTHER DOCUMENTS (Including Publisher, Author, Title, Date, Pertinent Pages, Etc.)**

C1	Cao, Z., GenBank, Accession No. AR166115, 2001
C2	Greenfeder et al., "Molecular cloning and characterization of a second subunit of the interleukin 1 receptor complex", <i>J. Biol. Chem.</i> 270(23):13757-13765, 1995.
C3	Huang et al., "Recruitment of IRAK to the interleukin 1 receptor complex requires interleukin 1 receptor accessory protein", <i>Proc. Natl. Acad. Sci. USA</i> 94:12829-12832, 1997.
C4	Huang et al., GenBank, Accession No. AF029213, September 30, 1999.
C5	Jensen, et al., "IL-1 signaling cascade in liver cells and the involvement of a soluble form of the IL-1 receptor accessory protein," <i>J. of Immunol.</i> 164(10):5277-5286, 2000.
C6	Parnet et al., "IL-1Rrp is a novel receptor-like molecule similar to the type I interleukin-1 receptor and its homologues T1/ST2 and IL-1R AcP," <i>J. of Biol. Chem.</i> 271(8):3967-3970, 1996.
C7	Sims et al., "A new nomenclature for IL-1-family genes," <i>Trends in Immunol.</i> 22(10):536-537, 2001.

EXAMINER:

Date Considered:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.